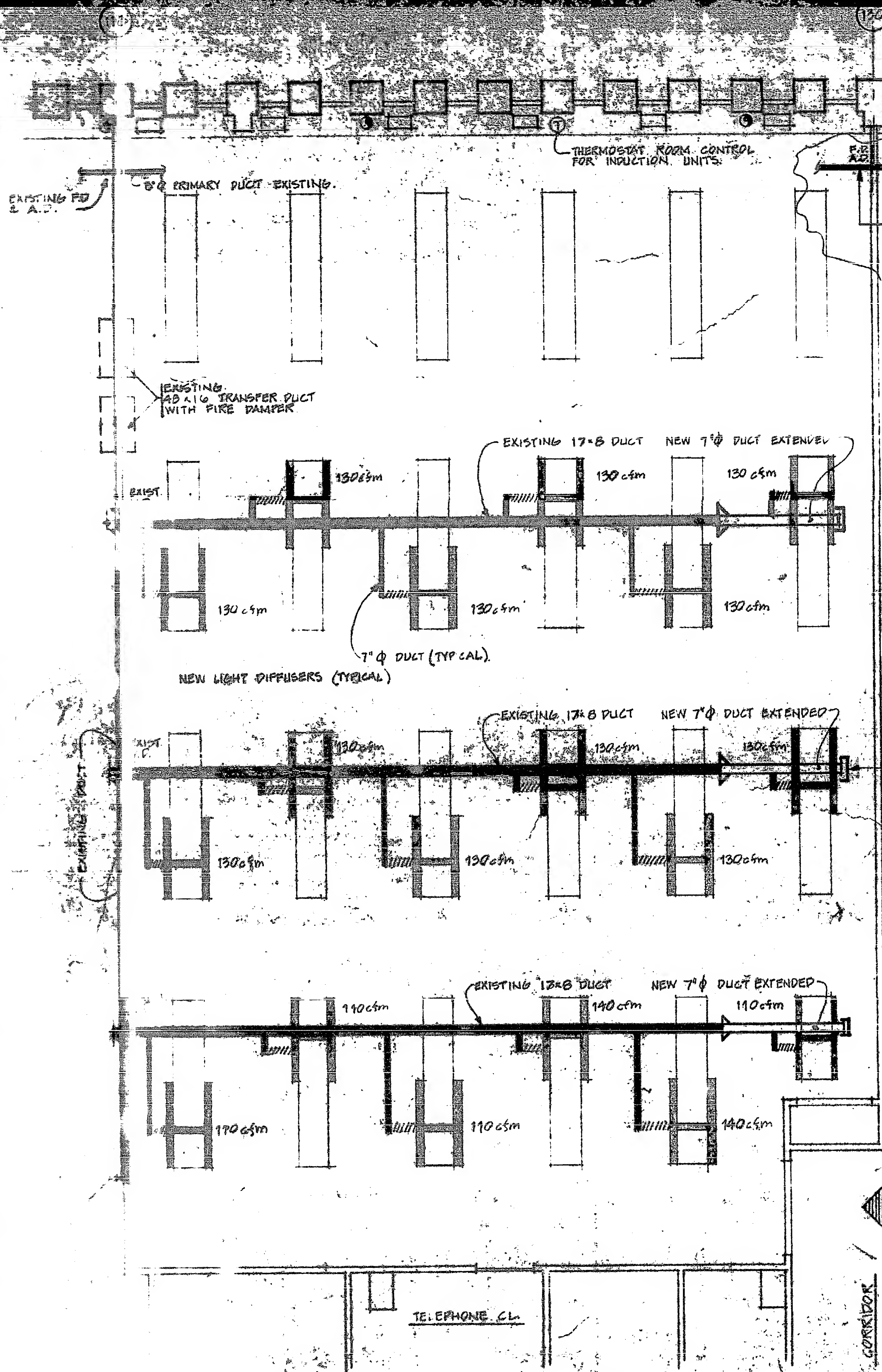


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COMIT

- NOTES:**
1. The Contractor shall submit the list of the proposed work to determine the exact conditions that may affect this work.
  2. It is the intention of the General Drawings and Specifications to call for finished work, tested and ready for operation. All materials shall be new and of first quality.
  3. All material, work, incidental accessories or other details not shown but necessary to complete the work complete and perfect, and in all respects ready for operation, shall be particularly specified, shall be provided by the Contractor at no additional cost to the Authority.
  4. The Contract Drawings are generally diagrammatic and are intended to convey the nature of work and indicate general arrangement of ductwork and branches, and indication of location of equipment. All piping, valves, etc. are damaged during the installation whether or not due to the Contractor's negligence they shall be repaired or replaced by the Contractor and left in a condition satisfactory to the Engineer.
  5. Coordinates locations of all branches with architectural reflected ceiling plans.
  6. The space around pipes, ducts, etc. penetrating rated walls, shall not exceed 1/2" and shall be packed solid with mineral wool or equivalent. Perimeter shall be closed by tight fitting metal gaskets on both sides of this construction as required by Sections 706-504.5 of N.Y.C. Building Code.

**PERMANENT EQUIPMENT BY THE AUTHORITY**

The Port Authority will furnish to the Contractor for installation in the permanent structure: (SEE GENERAL NOTE 9 ON DRAWING A-1)

1. Light fixture air purifiers - 12 DOUBLE
2. 1/2" round flexible duct connection to duct - 12
3. 1/2" round flexible duct connection to duct - 12

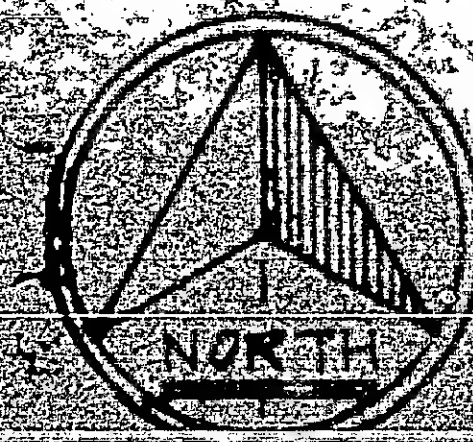
- INSTALLATION:**
1. All ductwork shall be provided and installed in accordance with the latest edition of the SMACNA Low Velocity Duct Construction Standards Manual, using prime sheets of galvanized steel. All square elbows shall be provided with turning vanes on max 4" centers. Provide access doors at all fire and automatic dampers for access.
  2. All branches and takeoffs shall be equipped with volume controllers.
  3. Support horizontal ducts with hangers secured to structural steel above at intervals not exceeding 8'0".
  4. Connections to collapse on the supply duct and the diffuser plenum of ceiling pouch shall be sealed with 3M Co. 800 sealant and clamped with Stainless Steel Ideal Ty clamps.
  5. All access doors shall be as per latest SMACNA Standards.
  6. Remove existing 4" round flexible duct connection that penetrates the 2 hr. rated closure panel within the induction unit cover. Install new 4" 26 gauge galvanized steel circular duct, seal all joints with 3M Co. 800 sealant and stainless steel adjustable type clamps. A minimum length of 1'-0" of the existing flexible duct will be provided to make the connection to the induction unit.

**FINISHING**

All systems shall be balanced in accordance with the latest standards of the "American Balance Council" and subject to the approval of the Engineer.

**SUBMITTALS**

Submit for approval three (3) sets of shop drawings of equipment and details of field installations. Submit three (3) sets of catalog cuts of fire doors, exhaust fans, valves, ceiling diffusers, ceiling registers and air handling equipment.



KEY PLAN

